

IN THE SPECIFICATION:

Please amend the paragraph at page 4, lines 13-18 as follows:

-- According to one form of the invention a method for producing an adaptive directional signal is provided, the method including ~~the step of~~ constructing the adaptive directional signal from a weighted sum of a first signal having an omni-directional polar pattern and a second signal having a bi-directional polar pattern, wherein the weights are calculated to give the combined signal a constant gain in a predetermined direction and to minimise the power of the combined signal.--

Please amend the paragraph at page 5, lines 4-8 as follows:

--In accordance with this embodiment, [a] the method may further include ~~step may be included of~~ processing the second signal by means of an integrator element or an integrator-like filter before constructing the combined signal, thereby compensating for the attenuation of low frequencies and phase shifts introduced in the subtraction of the two omni-directional signals.--

Please amend the Abstract as follows:

--The invention relates to adaptive directional systems, and more particularly to a method and apparatus for producing adaptive directional signals. The invention may be applied to the provision of audio frequency adaptive directional microphone systems for devices such as hearing aids and mobile telephones. The method involves constructing the adaptive directional signal (46) from a weighted sum of a first signal (42A) having an omni-directional polar pattern and a second signal (42B) having a bi-directional polar pattern, wherein the weights are calculated to give the combined signal a constant gain in a predetermined direction and to minimise the power of the combined signal. ~~The method~~ method has particular application in producing signals in digital hearing aids, the predetermined direction being in the forward direction with respect to the wearer.--